

Year 12 Alevel Biology SMR

Learning Programme 5

<p>The LORIC skill focus for his LP is: COMMUNICATION. The Moral Virtues focus for this LP are: COURAGE and HUMILITY.</p> <p>Courage - Acting with bravery and overcoming fears. Humility - Having a modest view of oneself.</p> <p>What will I be learning about in this Learning Programme? How plants and animals protect themselves from, and fight off disease.</p> <p>Where have I seen this learning before? You have covered immune system in GCSE.</p> <p>What could I use it for? If you do a degree in medicine or immunology you will use this knowledge.</p>		<p>Literacy:</p> <ul style="list-style-type: none"> • Capital letters must be used at the start of sentences and for the first letter of proper nouns • Full stops must be used at the end of a sentence • Question marks must be used at the end of a question • Apostrophes should only be used for possession or omission • Days of the week and months must be spelled correctly • Key words must be spelled correctly
<p>In LP5.1, I will know:</p> <p>the different types of pathogen that can cause communicable diseases in plants and animals; the transmission of animal and plant communicable pathogens.</p>	<p>11/05/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>communicable</p>	<p>Homework</p> <p>Exam questions on pathogens.</p>
<p>In LP5.2, I will know:</p> <p>plant defences against pathogens; the primary non-specific defences against pathogens in animals.</p>	<p>18/05/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>pathogen</p>	<p>Homework</p> <p>Exam questions on plant defences.</p>
<p>LP5 RLW, I will:</p> <p>review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.</p>	<p>01/06/26 - (WK 1)</p>	<p>Homework</p> <p>Review learning task.</p>
<p>In LP5.3, I will know:</p> <p>the structure and mode of action of lymphocytes and antibodies; the structure and mode of action of phagocytes.</p> <p>Extended Task.</p>	<p>08/05/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>phagocyte</p>	<p>Homework</p> <p>Exam questions on lymphocytes.</p>
<p>In LP5.4, I will know:</p> <p>how to complete an assessment in my learning so far; how to review and improve my knowledge by completing a pupil response task. </p>	<p>15/06/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>assessment</p>	<p>Homework</p> <p>Revision for assessment.</p>
<p>In LP5.5, I will know:</p> <p>the structure and mode of action of humoral immunity; the differences between active and passive immunity and between natural and artificial immunity.</p>	<p>22/06/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>lymphocyte</p>	<p>Homework</p> <p>Exam questions on the immune system.</p>
<p>In LP5.6, I will know:</p> <p>the principles of vaccination and the role of vaccination programmes in the prevention of epidemics; the benefits and risks of antibiotics to manage bacterial infection.</p> <p>Extended Task.</p>	<p>29/06/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>vaccination</p>	<p>Homework</p> <p>Exam questions on vaccinations.</p>
<p>In LP5.7, I will know:</p> <p>Work experience week.</p> <p></p>	<p>06/7/26 - (WK 2)</p>	<p>Homework</p>
<p>Resources to support learning:</p> <p>Synergy, booklets, exercise books, EPC knowledge organiser. Seneca OCR Alevel Biology A. Biology Alevel videos on YouTube.</p>		
<p>FFET Award Challenge for this Learning Programme:</p> <p>Watch a documentary about a disease and write a brief report to show what you have learnt.</p>		